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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

Portland Branch
Rm. 519, Main Post Office
Portland 9, Oregon

Vol. 7, no. 1
January 1948

Phone: Atwater 6171
Extension 250

NEW BOOKS

Brown, Ivor John Carnegie. A WORD IN YOUR EAR, AND JUST ANOTHER WORD. 2 pts. in one vol. New York, Dutton, 1946. 200 B815 1946

These two little books, bound together in one volume, are what the author calls "an anthology of words". The words which struck his fancy in reading have been combined with Ivor Brown's own delightful comments. The book will be of interest to government employees, because as the editor of USDA says: "Brown is severe with officialese, or gobbledegook which he calls the barnacular (from barnacles)". It will enrich your vocabulary.

Brown, Nelson C. LUMBER; MANUFACTURE, CONDITIONING, GRADING, DISTRIBUTION AND USE. 344 p. New York, Wiley, 1947. 99.76 L81Lu

This book describes economical production methods in the lumber industry. The history is also given. All phases in the manufacture and distribution of lumber are considered from the time the trees are sawed down until the finished product is transported to market. The author discusses the manufacture and remanufacture, conditioning by air seasoning and kiln drying, grades and inspection sizes and price relationships, merchandising, distribution and use, traffic and exports of lumber. Changes due to the war are included.

Burchfield, Laverne. OUR RURAL COMMUNITIES; A GUIDEBOOK TO PUBLISHED MATERIALS ON RURAL PROBLEMS. 201 p. Chicago, Public admin. service, 1947. 281.2 B89

A summary of the rural community's problems in such fields as education recreation, welfare, and health, and a guide to the material available on these problems. This book is directed to furnishing rural leaders and others interested in the problems of rural America with brief factual statements about major areas of rural life and annotated bibliographies where they may gather additional information.

Emmons, Della Gould. SACAJAWEA OF THE SHOSHONES. 316 p. Portland, Or., Binfords & Mort, 1943. 138 Em6

Sacajawea is classed among the six most important American women. This is the intriguing, behind-the-scenes story of the Lewis and Clark expedition. Della Gould Emmons' book has for its bulwark the most adventuresome century of American history - the period of exploration, the fur trade and the covered wagon, and through it all Sacajawea treads with determination to

accomplish her mission. Everyone knows the importance of the Lewis and Clark expedition in Western history. Sacajawea was the guide and interpreter who insured the success of the expedition.

Faulkner, Edward H. A SECOND LOOK. 193 p. Norman, Okla., 1947. 56.7 F27S

The author startled the agricultural world - all of it, on six continents - when he published Plowman's Folly. His vigorous attack on the plow developed in a masterful way the advantages of surface incorporation of organic material. This book is the sequel. Mr. Faulkner answers his critics and re-examines the theories in the light of recent investigations. He gives the lie to "soil impoverishment". He says that the indiscriminate and continuous use of commercial fertilizers is a mistake. Read the book if you want to know why.

Fowler, Bertram Baynes. THE COOPERATIVE CHALLENGE. 265 p. Boston, Little Brown, 1947. 280.2 F82C

The editor of USDA noted this book in the issue of Sept. 29, 1947 and said that it "should be of great interest to many USDA workers". It is the story of the sensational growth of the consumer co-operative movement, which contains the promise of help for a middle-of-the-road American democracy. The challenge of this book is threefold; to consumers (all of us, from the cradle to the grave) to protect themselves against high prices; to producers and orthodox economic thinkers to revise their practices and theories to meet the competition of enterprise run in the real interest of the consumer; to totalitarians to apply a true democratic philosophy to economic problems.

Hopkins, John Abel. ELEMENTS OF FARM MANAGEMENT. 3d ed. 524 p. New York, Prentice Hall, 1947. 281 H77E Ed.3.

The text has been expanded to include developments in the principles of farm management, changes in government control, further information on labor requirements, data on farm prices and on the relationship of industrial progress to farm management.

Jones, Fred O. GRAND COULEE FROM "HELL TO BREAKFAST". 64 p. Portland, Or., Binfords & Mort, 1947. 400 J712

A panoramic view of the Columbia Plateau down through the ages from molten lava and ice to the Grand Coulee Dam. Many clear-cut drawings in four colors. Formation and base of soils in this region is shown pictorially.

Koroleff, A. and Fitzwater, J. A. MANAGING SMALL WOODLANDS, a guide to good and profitable use of forest land. 72 p. Washington, D.C., The American forestry association, 1947. 99.55 K842

This simply written booklet is a practical guide in woodland management. It is designed especially to aid the owners of small forest properties. It may also be used to advantage in rural schools. Included at the back are volume tables for trees and pulpwood, a list of references for further reading and "Where to obtain advice and assistance" by states. All phases of forest care are discussed including: Forest protection, artificial reforestation, Logging, Cutting. The book is a valuable guide to foresters, wood industry men and others who work with landowners.

Laird, Donald A. and Laird, Eleanor C. THE TECHNIQUE OF GETTING THINGS DONE. 310 p. New York, Whittlesey House, 1947. 140 L14Toc.

Rules for directing will power from the lives of the world's leaders. Examples of hard working persons who have made good, such as: Grace Moore, Geraldine Farrar, Calvin Coolidge, Queen Victoria, Albert Payson Terhune, George M. Cohen and Frank Woolworth, are given along with selected inspirational maxims. It is inspiring to read of these famous people and the simple rules that helped them.

Larson, Olaf F. and others. TEN YEARS OF RURAL REHABILITATION IN THE UNITED STATES. 433 p. Washington, D.C., 1947. 1.941 R4T25
Issued by the U.S. Bureau of agricultural economics.

The study on which this report is based was made at the special request of the Farm security administration. Emphasis is on the prewar standard rural rehabilitation loan program, but war-induced changes are indicated. Most of the statistics carry into 1943 or 1944. The purposes of the report are (1) to record the significant experience accumulated in the United States through this program, (2) to outline the basic lessons that have been learned about the rehabilitation process and the use of the several tools and techniques involving a look ahead.

Pinchot, Gifford. BREAKING NEW GROUND. 522 p. New York, Harcourt, Brace, 1947. 120 P652

"Pinchot's long-awaited book has come off the press. In graphic style it records the history of the forestry movement from 1885 to the time in 1910 when President Taft fired 'G.P.' from his position as Chief Forester. It is more than a history and because of this it will especially delight the old-timers who served under Pinchot and the younger members of the Service who are familiar by name with many of his associates who are part of 'G.P.'s story.

The final chapter of the book is called 'What it all means'. In it G.P. departs from his historical narrative to explain his beliefs regarding the proper use of the country's natural resources. The book ends with 'Whatsoever ye would that men should do to you, do you even so to them. That is the answer.' Members of the Forest Service, young and old, will feel a new pride in their organization after reading Pinchot's narrative of the years up to and including the Ballinger-Pinchot controversy in 1910." - A. J. Jaenicke, U.S. Forest Service.

Rush, William Marshall. WILD ANIMALS OF THE ROCKIES, ADVENTURES OF A FOREST RANGER. 296 p. New York, Harper & brothers, 1947. 412.1 R89

"Rangers were horsemen in 1910... Everyone in the Forest Service was intensely interested in wild life. I was always fortunate in getting assigned to forests where wild life was plentiful... I got paid to do things that many men would gladly pay to do. The Forest Service has had a great many jobs to handle in the way of conservation and use of resources of the national forests since its formation early in the twentieth century. There has always been competition between domestic animals and wild animals for forage. Elk, deer, mountain sheep and other wild grazing animals require pretty much the same type of forage as cattle, sheep and horses, so a clash is inevitable. Stock raising is one of the most important western industries and must be given proper consideration in the use of public lands. The Forest Service has been the umpire on national forests between the stock-raising industry and wild life for thirty years, with everybody from the local dog-catcher to congressmen having his say over what should be done."

SOIL SCIENCE SOCIETY OF AMERICA, PROCEEDINGS 1946. Vol. 11, 572 p. Morgantown, W. Va., 1947. 56.9 So7 1946

This number of the proceedings features a symposium on "Transmission of water through soils in relation to irrigation and pond construction". Of special interest will be the paper by Hugh C. McKay and G.O. Baker on: "Effect of crop residues on erosion control and grain yields under Southern Idaho dryland conditions, p.553-556. The book contains six sections on: Soil physics, Soil chemistry, Soil micro-biology, Soil fertility, Soil genesis, morphology and cartography, and Soil technology, the evaluation of crops and cropping systems for soil and water conservation.

White, Philip R. A HANDBOOK OF PLANT TISSUE CULTURE. 277 p. Lancaster, Pa., The Jaques Cattell Press, 1943. 463.43 W58

This book brings together for the first time all the basic information needed in the growing and specialized field of plant tissue culture. Covers history, techniques, experimental and physiological details, also description of ideal laboratory, 71 illustrations. - Library Journal, May 15, 1947.

Winther, Oscar Osburn. THE GREAT NORTHWEST. 383 p. N.Y., Knopf, 1947. 138 W73

The great Northwest or Old Oregon Country, as pioneers hailed it a century ago, has now come of age in the beautiful and thriving states of the Pacific Northwest - Oregon, Washington, Idaho and western Montana. Only by knowing the colorful past of this section can we understand its importance in our national life today. This history, sound of scholarship, readable and complete, is notable for both its range and its variety. Although Dr. Winther begins the book with the Indians who lived on the Northwest Coast before white men came, he devotes almost one-third of his pages to the development of the region in the twentieth century. It is authoritative and up-to-date.

SELECTED NEW PAMPHLET MATERIAL

Alaska

- Information for the Alaskan farmer-settler, by G.W.Gasser. Alaska development board. Circular no.1, 44 p. Juneau, Alaska, 1946. Pam. Col. Alaska.
- Livestock in Alaska, by G.W.Gasser. Alaska development board. Circular no.4, 15 p. Juneau, Alaska, 1946. Pam. Col. Alaska.
- The Matanuska Valley, by G.W.Gasser. Alaska development board. Circular no.3, 24 p. Juneau, Alaska, 1946. Pam. Col. Alaska.
- The Tanana Valley, by G.W.Gasser. Alaska development board. Circular no.2, 29 p. Juneau, Alaska, 1946. Pam. Col. Alaska.

Farming

- Angora rabbit wool production, by George S. Templeton. Fontana, Calif. U.S. Agricultural research administration. Bureau of animal industry. A.H.D. no. 107, 10 p. 1947. 1.9 An52Ah no.107
- Apple scald and its control, by D.F.Fisher and J.S.Coooley. U.S. Dept. of agriculture. Farmers' bulletin no.1380, 9 p. rev. 1947. 1 Ag84F no.1380
- Breeding for improvement of broad-breasted bronze turkeys, a progress report, by J.A.Harper and J.E.Parker. Oregon. Agr. Expt. Sta. Station circular of information no.419, 14 p. 1947. 100 Or3C no.419

- Care and management of dairy cows, by J.R.Dawson and P.C.Underwood. U.S. Dept. of agriculture. Farmers' bul. no.1470, 41 p. Rev. 1947. 1 Ag84F no.1470
- Farm and nonfarm wage income of the hired farm working force in 1946. 22 p. 1947. 1.941 F2F226 Issued by U.S. Bureau of agricultural economics.
- Farm organization and income on irrigated farms in 1944, Vale-Owyhee project, Oregon, by Walter U. Fuhrman. 46 p. Washington, D.C., 1947. 1.941 F2F225
Issued in cooperation with Oregon State College, Bureau of reclamation, and Farm security administration.
- Oregon's specialty animal industries, production and income estimates, 1936-1946. Oregon. Extension service. Ext. Bul. no.679, 21 p. 1947. 275.29 Or32B 679
Statistical yearbook containing state and county estimates of production and value of farm marketings on farm-raised fur and game, fish and sea-food, horses and mules, goats and mohair, rabbits for meat, apiary products, etc.
- Potato storage, by Alfred D. Edgar. U.S. Dept. of agriculture. Farmers' bulletin no.1986, 38 p. 1947. 1 Ag84F no.1986
- Sand vetch for sandy soils, by A.R.Albert and H.L.Ahlgren. Wisconsin. Stencil circular no.254, 7 p. Madison, Wis., 1947. 275.29 W75B no.254
- Status of minor elements in Oregon soil fertility and plant nutrition, by W.L. Powers and L.K.Wood. Oregon. Agr. Expt. Sta. Station circular of information no.418, 8 p. 1947. 100 Or3C no.418
- Trees improve your farm, by W.O.Edmondson. Wyoming. Agricultural extension service. Cir. 27, rev., 28 p. Laramie, Wyo., 1947. 275.29 W99C no.27, rev.
- Use of disinfectants on the farm, by Frank W. Tilley. U.S. Dept. of agriculture. Farmers' bulletin no.1991, 17 p. 1947. 1 Ag84F no.1991
- Walnut bacteriosis and its control, by P.W.Miller and W.B.Bollen. Oregon. Agr. Expt. Sta. Station technical bulletin no.9, 107 p. 1946. 100 Or3 no.9

Forestry

- Comparative growth of hybrid poplars and native Northern black cottonwoods, by Roy R. Silen. U.S. F.S. Pacific Northwest forest experiment station. Research note no.35, 3 p. 1947. 1.9 P11R no.35
- Effect of pruning on growth of Ponderosa pine, by Edwin L. Mowat. U.S. F.S. Pacific Northwest forest experiment station. Forest research note no.38, 3 p. 1947. 1.9 P11R no.38
- First forest soil survey gives significant results, by Robert F. Tarrant. U.S. F.S. Pacific Northwest forest experiment station. Research note no.36, 4 p. 1947. 1.9 P11R no.36
- Forest cooperatives in the United States. U.S. Forest service. Reappraisal of the forest situation. Report no 6, 18 p. 1947. 1.962 A2R297 no.6
This report reviews the variety of cooperative associations designed to aid small woodland owners and concludes that cooperatives should prove a good channel for getting better forestry on a significant part of the 261 million acres in small woodland holdings. Encouragement of forest cooperatives is therefore one element in the program of forestry advocated by the Forest service.
The five reappraisal reports previously issued deal with the nation's present timber resources, potential requirements for timber products, management status of forest lands, wood waste, and protection from insects and diseases.
- Growth of ten regional races of Ponderosa pine in six plantations, by Thornton T. Munger. U.S. F.S. Pacific Northwest forest experiment station. Research note no.39, 4 p. 1947. 1.9 P11R no.39
- High yields from young-growth Ponderosa pine, by E.L.Mowat. U.S. Pacific Northwest forest experiment station. Research note no.37, 3 p. 1947. 1.9 P11R no.37
- Pinus; propagation of experimental stock, by A.R.Liddicoet and E.F.Kimbrough. California. U.S. F.S. Forest and range experiment station. Forest research note no.56, 8 p. 1947. 1.9 C12R no.56

Preservatives for wood poles, emergency alternative methods for the standard coal-tar creosote treatment, by J. Oscar Blew, Jr. 8 p. Madison, Wis., 1946. 1.9 F761R no.1693 Issued by U.S. Forest products laboratory.
Reproductive habits of Douglas-fir, by Leo A. Isaac. 107 p. Washington, D.C., 1943. 99.46 Is1
"Published for the U.S. Forest Service by the Charles Lathrop Pack forestry foundation."

Miscellaneous

Buying your own life insurance, by Maxwell S. Stewart. Public affairs pamphlet no. 134, 32 p. 1947. 280.9 P964 no.134
"This pamphlet is based on basic research studies by the Temporary National economic committee and the U.S. Dept. of labor, together with recent surveys sponsored by the Savings bank life insurance council of Massachusetts and the Savings bank life insurance fund of New York."
Facing the facts about cancer, by Dallas Johnson for the National cancer institute and the American cancer society. Public affairs pamphlet no.38, rev., 31 p. 1947. 280.9 P964 no.38, rev.
Oregon's dairy industry 1867-1947. Oregon. Extension service. Extension bulletin no.680, 15 p. 1947. 275.29 Or32B no.680
Statistical yearbook containing state estimates of farm production, price and income, by period from 1867 to 1947.

Are you alerted to the ATOMIC AGE? The library has the following material available for loan:

ATOMIC RESEARCH AND THE FARMER

Aebersold, P.C. and Woodruff, M.H. Atomic research dividends for the farmer. 5 p. Oak Ridge, Tenn. Isotopes Branch, U.S. atomic energy commission, May 1947. 334 Ael
Elder, C.R. What atomic research means to farmers. Farm Jour. Apr. 1947, p.27-29. 6 F2212
Graubard, M.A. The farmer's stake in atomic developments. 7 p. Washington, D.C., Ext. Serv. 1946. 1.913 A2F222
Graubard, M.A. Science, humanity and politics face the atom. 32 p. Orono Ext. Serv. Col. of Agr. Univ. of Maine, 1947. 275.2 M28Sc
Application to agricultural research, p.20-21.
Nicholson, Harold. The atom goes to work for farmers. Country Gentleman, 117(12): 24, 52-53, 55. Dec. 1947. 6 C833
Spinks, J.W.T. Atomic research and agriculture. Agr. Inst. Rev. 2(3): 213, 215, 217, 219-220. May 1947. 7 Ag8
Went, F.W. The plant and atomic energy. Sunset 96(4): 70-71. Apr. 1946. 110 Su7
Yates, Phyllis. Atomic research to help farmers. Farmers Fed. News 27(12): 20. Aug. 1947. 280.28 F225

The 1948 Periodical list is being distributed with this issue of the Newsletter.

Marie L. Gould
Librarian

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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

Portland Branch
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Vol. 7, no. 2-3
February - March 1948

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NEW BOOKS

Arboretum foundation, Seattle, Wash. HANDBOOK OF RHODODENDRONS. 198 p. Seattle, Wash., 1946. 97.31 Arl

"Climatically, and in consideration of the demonstrated ability of the majority of the species, varieties and hybrids to grow abundantly here, the Northwest coast of the U.S. can rightfully be regarded as a natural home for the genus Rhododendron. We have hardly reached beyond the threshold of its potential development as an ornamental plant. Unknown to many gardeners is the fact that rhododendrons can provide beautiful color over a relatively long blooming period. Certain species will come into flower as early as January or February. From that time on...into August it is possible to find species which will be clothed with beautiful bloom." It is the purpose of the handbook to acquaint readers with the varieties which provide range of color, blooming period, adaptability on different soils and on variations in terrain in this region.

Christensen, Clyde. KEYS TO THE COMMON FLESHY FUNGI. 45 p. Minneapolis, Minn., Burgess publishing co., 1947. 462 C46 1947

An outstanding new manual that fills a definite need for all those who have an interest in the identification of fleshy fungi. Botanists, biologists, foresters, mycologists and amateur mushroom hunters will find this key invaluable. Fully illustrated with line drawings.

Clissold, Edgar J. THE SEED INDUSTRY. 47 p. Boston, Bellman, 1946. 61 C61

This publication begins with an analytical index of occupations in the seed industry which flourishes in this region. Origin, history and development of the industry are given as well as all phases of the work from the seed farm to publicity. Opportunities for employment of both men and women, advantages and disadvantages and suggestions for study are given. The author worked up in the industry and tells all there is to know about it.

Finer, Herman. ROAD TO REACTION. 228 p. Boston, Little, Brown, 1946. 280 F49R

Dr. Finer's book is a reaffirmation of confidence in the ability of democratic communities to advance social welfare and justice, and to preserve responsible government while keeping the way open for individual liberty and initiative. With fair historic and scientific analysis, he shows how in England and America freedom and planning can be and are being combined to strengthen democratic society.

Hauser, Philip M. GOVERNMENT STATISTICS FOR BUSINESS USE. 432 p. New York, Wiley, 1946. 252 H29

There is a mine of statistical information available in the Federal government for business use. The general pattern of these statistics will not change materially and this volume will serve as a useful guide to them. It tells what information is available, the agencies from which it can be obtained, and ways in which it can be applied to business and economic problems. Each chapter is by an expert in that field and they deal with: Income, Manufacturing, Mineral statistics, Agriculture, Trade, Transportation, Accounting, Money and banking, Prices, Population, Housing and construction and Labor.

Koroleff, A. PRACTICAL WOODLOT MANAGEMENT. 60 p. Montreal, Canadian forestry association, 1946. 99.62 K84

How to use the forest soundly and profitably. Cutting practices are discussed in relation to comparatively small and accessible forest properties.

THE MANAGEMENT LEADER'S MANUAL FOR OPERATING EXECUTIVES, SUPERVISORS AND FOREMEN. 190 p. New York, American management association, 1947. 249.38 M31 no.1

This manual has been compiled to serve as a practical means of disseminating good management principles to an increasingly broad group of executives, supervisors, and foremen. It is calculated to encourage more people to understand and share in management thinking. It includes chapters on: Management leadership in a democracy, The management leader's human relations responsibilities, Interviewing and counseling techniques, Toward safe and efficient production, Tests for the management leader, and Simplicity - the key to success.

Mitchell, John W. and Marth, Paul C. GROWTH REGULATORS FOR GARDEN, FIELD AND ORCHARD. 129 p. Chicago, Univ. of Chicago Press, 1947. 90.11 M69

A report on new and tested ways of using plant hormones or growth-regulating chemicals for weed control, vegetable propagation and transplanting, prevention of growth in a stored plant material, ripening fruit, improving fruit-set and the production of seedless fruit and other purposes. It tells how to kill lawn weeds, ragweed and poison ivy, how to make your favorite cuttings root quickly, how to prevent fruit drop, and to improve the yield and quality of your tomatoes.

Toumey, James W. FOUNDATIONS OF SILVICULTURE UPON AN ECOLOGICAL BASIS. 468 p. 2d ed., rev. by Clarence F. Korstian. New York, J. Wiley, 1947. 99.45 T64F Ed.2 1947.

In order to make this manual as simple in treatment as the subject permits, it is divided into three parts. Part I, Environment of forests presents the various external factors which act upon forest vegetation and the modifications in the vegetation that are due to their action. Part II, Influence of forests on their environment, discusses the various reactions of forest vegetation on these factors. Part III, Forests, presents an analysis of the forest, the units of forest vegetation, their origin and development under the action of the site factors, and the biology of the stand and the individual.

Rensburg, C. J. van and Palmer, E. M. NEW WORLD TO WIN. 201 p. Bloemfontein, South Africa, A. C. White, 1946. 56.7 R29

Every so often a new book appears that gives promise of taking its place as a classic in the field of soil conservation. New world to win is one of these. Within the pages of this excellent little book, is an admirably simple story of the relation between food and soil. The authors talk first about food and how important good food is in developing healthy minds and bodies. They go on to show how good soils are necessary to produce good food, how South African soils have been mistreated and how they must be used in the future. In nineteen chapters, out of a total of thirty, they explain the practices to follow so that the land will produce the best possible food in largest quantity for as long as there is need for food at all. "All must help," say the authors, "by trying to understand the needs of the soil." - From the review by Wm. R. Van Dersal, U.S. Soil conservation service, Portland, Or., in Land, Winter, 1946-47.

Walsh, Helen. STARTING RIGHT WITH MILK GOATS; ed. by Edward Robinson. 138 p. New York, Macmillan, 1947. 40.1 W16

This manual provides splendid help to the beginner and the experienced goat keeper. It will be a revelation to those who still think of goats as dirty tin-can-eaters, and to those who never visited a modern goat dairy or tasted carefully handled goat's milk. With complete instructions for selecting a goat and caring for it, the book shows how efficiently a modern dairy goat can turn the brush, weeds and hay in your back lot into delicious, naturally homogenized milk, cream, butter, cheese and ice cream. Included among Miss Walsh's helpful chapters are: What breed to buy?, The goat's quarters, Feeding for more milk, Milking and care of milk and equipment, Goat milk and cream, Making butter at home, Making cheese from goat milk, and Goats as a business.

Weir, Wilbert W. PRODUCTIVE SOILS. 325 p. Chicago, Lippincott, 1946. 56.7 W43 Ed.5

This is an introduction to soil science, of interest to conservationists and those who advise farmers. It tells what soils of various kinds and types are like, why they are productive or unproductive, and how they may be managed for profitable crop production. There is also a chapter on soil conservation, which calls attention to land deterioration and destruction through erosion, and which shows how farm and range lands may be utilized without undue soil wastage, with a view to permanent agriculture. The last chapter is on sands and their management, and the cropping problems peculiar to such soil. The author has studied soils and farming in all parts of the United States and has also had commercial opportunities to study agriculture and the improvement of soil fertility through proper land utilization and the use of fertilizers. Since 1934, he has resided in the arid-semiarid region of the southwestern United States, where he has given much attention to watershed protection in aid of flood control.

- PERIODICAL ROUTING -

The response to the revised periodical list sent out in January, has been too great to be absorbed. Your lists are being taken care of as fast as possible. So many changes in the routing make it a big job. So, if you do not receive the periodicals requested soon, please be patient.

SELECTED NEW PAMPHLET MATERIAL

Conservation

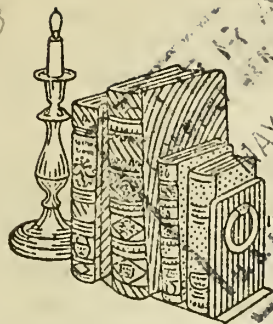
- Nature of movement of soil by action of wind in wind erosion, by J.H. Stallings. 7 p. 1947. 1.96 R31Na (Issued by U.S. Soil conservation service)
- Range condition, a classification of the grassland forage type in the Eagle Valley soil conservation district, by E. William Anderson. 12 p. Richland, Or., 1947. Issued by U.S. Soil conservation service.
- Range condition, a classification of timber-browse-grass ranges in the Kootenai soil conservation district, by Norman K. Carlson and Gordon Tate. 32 p. Coeur d'Alene, Idaho, 1947.
- This guide sets forth the criteria for determining range condition for the yellow pine-grass type and for the cutover, burned over areas of the yellow pine-fir type and white pine type.
- Range condition, a classification of timber-browse-grass ranges in the Bonner soil conservation district, by Norman K. Carlson and Edwin O. Nurmi. 32 p. Sandpoint, Idaho, 1947.
- This guide sets forth the criteria for determining range condition for the yellow pine-grass type and for the cutover, burned over areas of the yellow pine-fir type and white pine type.
- Range condition, a classification of the grass-sagebrush range in the Mayfield soil conservation district, by Ray F. Blair. 16 p. Mayfield, Idaho, 1947.
- Soil conservation pays for irrigated lands. 11 p. Lincoln, Nebr., U.S. Soil conservation service, 1946. 1.9607 So324

Farming

- Control of field rodents in California, by Tracy I. Storer. Calif. Agricultural extension service. Cir. 138, 51 p. 1947. 275.29 C12C no.138
- The farmer and his help, by Russel M. Adams. Oregon. Extension service. Ext. Bul. 683, 16 p. 1947. 275.29 Or32B no.683
- Filbert tree decline and loss, causes and control, by P.W. Miller and C.E. Schuster. Oregon. Agr. Expt. Sta. Sta. Cir. no.172, 19 p. 1947. 100 Or3C no.172
- Harvesting small grains and utilization of the straw, by A.P. Brodell, and others. U.S. Bur. of agricultural economics. F.M. no.66, 32 p. 1947. 1.941 L6F22 66
- Livestock production and marketing, analysis by a committee of the staff of Oregon state college. Or. Agr. Expt. Sta. Oregon agriculture 7, 16 p. 1947. 100 Or30

Miscellaneous

- The effects on mammals of DDT used in forest insect control in the Northern Rocky mountains, by Lowell Adams. U.S. Forest service. Northern Rocky Mountain forest and range Expt. Sta. Research note no.56, 3 p. 1947. 1.9 N812Re no.56
- Federal rural lands, by L.A. Reuss and O.O. McCracken. 73 p. Washington, D.C., 1947. 1.941 L3F31 (Issued by U.S. Bur. of agricultural economics)
- A program of work for contributing to extension work in farm management and related fields (the economics of agricultural production and land use) in the 11 Western states, by Virgil Gilman. 22 p. 1947. 1.913 E2P945
- Issued by U.S. Dept. of agriculture. Extension service.
- The small rural industry - a study of the possibility of making insulating board from straw, by E.C. Lathrop and others. U.S. Dept. of agriculture. Cir. no.762, 22 p. 1947. 1 Ag84C no.762
- What belongs in a short course for leader training in work simplification, by L.M. Vaughan. 4 p. Washington, D.C., 1947. 1.913 A2W553
- Issued by U.S. Dept. of agriculture. Extension service.
- Your farm lease, by Max M. Tharp. U.S. Dept. of agriculture. Misc. Pub. no.627, 5 p. 1947. 1 Ag84M no.627
- A simple folder which provides all the essentials of a good farm lease.



LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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"Employers have found that, other things being equal, a well-read and thoughtful person is more likely to become a valuable and trusted official than a person whose mind has closed for a long vacation." - P.B. McDonald. Personality and English in Technical Personnel. (249.3 M14)

NEW BOOKS

Alexander, Sidney S. THE MARSHALL PLAN. National planning association. Planning pamphlets nos. 60-61, 68 p. 1948. 280.7 N21P no. 60-61

"Dr. Alexander was asked to describe in simple terms the basic concepts lying behind the European Recovery Program and to summarize and analyze the vast amount of data showing the magnitude of the program which have been issued on the report of the Paris Committee on European Economic Cooperation and in this country's Harriman, Herter, Krug, and Nourse reports."

American society of civil engineers. TRANSACTIONS. Vol. 112, 1947. 290.9 Am3P

Some items from the contents: Cavitation in hydraulic structures; the safety of structures; Landslide investigation and correction; Factors controlling the location of various types of industry; The planning of aerial photographic projects; Future costs and their effects on engineering budgets; Recharge and depletion of ground-water supplies; Correction of tailwater erosion at Prairie Du Sac dam; Effect of stress distribution on yield points; and Relief wells for dams and levees.

Callahan, Genevieve Anne. SUNSET ALL-WESTERN FOODS. 284 p. San Francisco, Lane, 1947. 389.25 C133S

Western tables are indeed blessed. The magnificent bounty of good food crops which grow here is aided by fertile soil and friendly sun. This bounty, no less varied than Western scenery, includes dates and citrus of southern valleys and wild blackberries and frost-sweetened apples of the Northwest. Featured Western foods are: Venison, rainbow trout, steel head, golden pheasant, tangerines, limes, yellow tomatoes, abalone, swordfish, smelts, salmon, wild huckleberries, guavas, papayas, and persimmons. There is a section on Western wines.

Carrier, Lyman. THE BEGINNINGS OF AGRICULTURE IN AMERICA. 323 p. New York, McGraw Hill, 1923. 30.9 C23

"This book has been prepared for the purpose of bringing together from widely separated and often nearly unavailable sources, pertinent facts and observations on the early history of agriculture, especially in America. It supplements colonial histories. A knowledge of the main important facts in our early history on the part of the reader is taken for granted."

Chapman, Herman H. and Meyer, Walter H. FOREST VALUATION WITH SPECIAL EMPHASIS ON BASIC ECONOMIC PRINCIPLES. 521 p. New York, McGraw-Hill, 1947. 99.57 C36F

"This new book is especially notable for its development of the economic principles upon which the structure of forest valuation depends, and for its comprehensive, up-to-date treatment of the subject. In the first six chapters, the fundamental economic laws of a free competitive economic system are presented, followed by such topics as costs, returns, and profits from timber crops, market values, forest taxation, fire insurance, damages, and stumpage appraisal. Throughout, stress is placed upon the role of discount (future returns brought to their present value) as the chief influence determining sound appraisals. All recent advances in the field are incorporated, notably in taxation, stumpage appraisals, and determination of profits." Jour. forestry, Nov. '47.

Harvey, Athelstan George. DOUGLAS OF THE FIR; A BIOGRAPHY OF DAVID DOUGLAS, BOTANIST. 290 p. Cambridge, Mass., Harvard Univ. press, 1947. 120 D74H

This comprehensive and entertaining story of Douglas' travels and strange experiences will be enjoyed by anyone who would like to know about the botanist for whom the Douglas fir is named. David Douglas came to the Pacific Northwest in the early part of the 19th century. The Douglas fir, giant of the Coast lumber woods, was named for him. He travelled throughout the Columbia River territory and combed California for botanical specimens. It has been said of him that "there is scarcely a spot deserving the name of a garden, either in Europe or the U.S., in which some of the discoveries of Douglas do not form the chief attraction; to no single individual is modern horticulture more indebted."

Mitchell, E. SOIL AND CIVILIZATION. 141 p. Sydney, Australia, Angus and Robertson, 1946. 56.7 M69

Earlier civilizations have gone under the tides of man-made deserts, or, like the Romans, become spiritually and physically weakened, unable to support or defend themselves. Then the loss of soil fertility was not world wide; other nations drew strength from virile earth. Later there was the New World - the Americas and Australia - to be populated and to export food. But now the fertile surface of the whole earth is being rapidly destroyed and with it we destroy the springs of our creativeness. The author shows an intimate knowledge of the practical aspects of the subject of soil erosion.

Olsen, Orange A. ELK BELOW! 104 p. Stevens & Wallis, 1945. 412.1 O18

The author spent more than a quarter of a century of his life working with wildlife and on ranges and mountains. He was killed in an airplane crash while counting elk in Wyoming. This book has been published as a cross section of his contributions to game management. He had contributed daily to the fund of knowledge available on game, fish, wild lands and their management, and he recorded his findings in writing and photography. He had a unique way of expressing what he found in field conditions, problems, and their solutions. His camera caught the fawn, the rainbow trout, the mountain goat in their native habitat.

Purdy, Ruby Fay. THE ROSE CITY OF THE WORLD, PORTLAND, OREGON. 196 p. Portland, Binforde & Mort, 1947. 138 P97

A panoramic account of the present city with all its active business and community life and behind the scenes, the colorful, stirring history of the past. It is a guidebook to the major industries as well as the many other spots of interest and a reference book packed with factual information not before condensed into one volume. To the pioneers this was truly a green land of promise. "Rich river bottom soil, abundant vegetation, moderate climate, rivers, forest lands, all yielded a profusion of the necessities of life for those who eagerly sought them."

Renne, Roland Roger. LAND ECONOMICS. 736 p. New York, Harper, 1947. 282 R29

One of the most critical problems facing the world today is that of the utilization of land resources. It is evidenced by our constant concern with flood control, irrigation, reforestation, erosion, overgrazing of pasture lands - not to mention the basic problem of producing enough food to feed the world.

Beginning with a section which provides the background necessary to the understanding and appreciation of land economics, the author discusses in detail the major land uses. He covers agricultural, forest, recreational, and urban land, mineral and water resources, and transportation. He then takes up the major land use problems; tenure and tenancy, valuation and credit, taxation, and the conservation of land resources. Finally he analyzes policies and programs for solving these problems. Attention throughout is focussed on the economic and social problems associated with land utilization.

Small, James. PH AND PLANTS; AN INTRODUCTION FOR BEGINNERS. 216 p. N.Y., Van Nostrand co., 1946. 463.3 SmlP

The term pH is used throughout to replace the cumbersome term - Hydrogen-ion activity - which is what is really measured and spoken of as hydrogen-ion concentration or degrees of active acidity. This book refers to pH and plants and discusses coffee cultivation, pH and propagation by cuttings, and Small's theory of acidity in fruit juices, pH in pectin substances and application in the manufacture of jams and jellies and their ability to set satisfactorily. British text. Selected bibliography.

U.S. Bureau of the census. COUNTY DATA BOOK; a supplement to the statistical abstract of the United States. 431 p. Washington, 1947. 157.41 C836

This book presents in compact form some of the more important social and economic facts about each county in the United States. In addition, data are summarized for each of 138 metropolitan areas made up of whole counties. Useful for general reference, for market analysis, and for groups interested in public and community problems.

SELECTED NEW PAMPHLET MATERIAL

CONSERVATION

Economic aspects of soil conservation in the Palouse wheat-pea area, by M.C. Taylor and V.W. Baker. Wash. Agr. Expt. Sta. Bul. no. 494, 28 p. 1947. 100 W27E

Floods of the Puyallup and Chehalis River basins, Washington, by I.E. Anderson. U. S. Geological survey. Water-supply paper 968-B, 124 p. 1948. 407 G29W

- Soil conservation and farm income in the Palouse wheat-pea area, by Maurice C. Taylor and Vernon W. Baker. Washington. Agr. Expt. Sta. Popular bulletin no.186, 7 p. 1947. 100 W27E no.186
- Stabilization of sand dunes in the Pacific Northwest, by Orlie W. Smith, H.D. Jacquot and Robert L. Brown. Washington. Agr. Expt. Sta. Bul. no.492, 16 p. 1947. 100 W27E no.492
- Watershed management for summer flood control in Utah, by Reed W. Bailey and George W. Craddock and A.R.Croft. U.S. Dept. of agriculture. Misc. Pub. no. 639, 24 p. 1947. 1 Ag84M no.639

FARMING

- Ammonium nitrate for crop production, by C.W.Whittaker, B.B.Brown and J.R.Adams. U.S. Dept. of agriculture. Cir. no.771, 28 p. 1948. 1 Ag84C no.771
- Barn hay-curing systems, advantages, design, construction and operation, by J.H. Kanser. 13 p. Urbana, Ill., 1945. 275.29 I162Pd
- Issued by Illinois, University, Agricultural experiment station.
- Handbook on insect enemies of flowers and shrubs, by C.A.Weigel and L.G.Baumhofer. 115 p. Washington, U.S. Govt. print. off., 1948. 1 Ag84M no.626
- The garden program initiated by the government during the war stimulated gardening of all types. Although the gardener is still urged to continue producing vegetables, he is also interested in growing flowers and shrubs. The information in this handbook should enable the gardener to recognize the common insect and related pests he may encounter in the flower garden and to apply the proper remedies, thus protecting not only his own plants but also those of his neighbors.
- Landscaping home grounds, by J.C.Garrett. Oklahoma. Extension service. Circular no.456, 48 p. 1947. 275.29 Ok41C no.465
- Oil crops in American farming, by Peter L. Hansen and R.L.Mighell. U.S. Dept. of agriculture. Technical Bul. no.940, 55 p. 1947. 1 Ag84Te no.940
- The place of crested wheatgrass on wheat farms, by H.L.Thomas and D.Curtis Mumford. Oregon. Station Bul. 448, 26 p. 1947. 100 Or3B no.448
- The potato industry, by E.R.Jackman, D.B.DeLoach and C.E.Otis. Oregon state college. Oregon agriculture 8, 28 p. 1947. 100 Or30 no.8
- Rooting blueberry cuttings, by C.D.Schwartz and Arthur S. Myhre... Washington. Agr. Expt. Sta. Bul. no.488, 32 p. 1947. 100 W27E no.488
- Seed-bed preparation and cultivation for sugar beets, by L.D.Coneen. California. Agr. Expt. Sta. Bul. no.701, 16 p. 1947. 100 C12S no.701
- Spray programs for apples and pears in Eastern Washington. Washington. Extension service. Ext. Bul. 374, 9 p. Pullman, Wash., 1948. 275.29 W27P no.374
- Sugar beet production in irrigated central Washington, by C. Emil Nelson and Everette Kreizinger. Washington. Extension service. Ext. Bul. no.365, 15 p. 1947. 275.29 W27P no.365
- The use of colchicine in plant breeding, by Quentin Zielinski. Oregon. Agr. Expt. Sta. Station Cir. of information no.420, 7 p. 1948. 100 Or3C no.420

FORESTRY

- Common diseases of important shade trees, by Rush P.Marshall and Alma M. Waterman. U.S. Dept. of agriculture. Farmers' Bul. no.1987, 53 p. 1948. 1 Ag84F
- Forest site conditions and the gypsy moth, by Henry A. Bess, Stephen H. Spurr and E.W.Littlefield. Harvard forest. Bulletin no.22, 56 p. Petersham, Mass., 1947. 99.08 H26B no.22
- Forest site types of the Pacific Northwest, a preliminary report, by R.H.Spilsbury and D.S.Smith. British Columbia. Forest service. Technical publication T.30, 46 p. Victoria, 1947. 99.9 B77P
- Forestry for teachers, by Everett F. Evans. Texas. Forest service. Bulletin 38, 73 p. College Station, 1947. 99.9 T31 no.38

- The forests of western and central Ecuador. 134 p. Washington, D.C., 1947.
1.962 A2F7627 Issued by U.S. Forest service.
- Know your watersheds. U.S. Dept. of agriculture. AIS no.67, 13 p. 1948. 1
Ag84Ai no.67
- "This booklet gives some facts about water. It tells what we must guard against, and what we can do to assure safe and dependable water supplies."
[Prepared by U.S. Forest service]
- A look at farm forestry in the Douglas fir region, by William A. Tinney. Forest club quarterly 21(1): 3-7, 1947-48. 99.8 W27F 1947-48 no.1
- Mr. Tinney is an employee of the Soil Conservation Service, Sedro Woolley, Wash.
- Pole blight, a new disease of western white pine, by C.A. Wellner, U.S. Forest service. Northern Rocky Mountain forest and range experiment station. Station paper no.8, 3 p. Missoula, Mont., 1947. 1.9 N812Sp no.8
- Salvage logging in the Douglas-fir region of Oregon and Washington, by Elmer E. Matson and John B. Grantham. Oregon State college. Oregon forest products laboratory. Bulletin 1, 39 p. 1947. 99.9 Or3522B no.1
- Salvage operations in the Douglas-fir region: their present and future, by John B. Grantham. Oregon State college. Oregon forest products laboratory. Information circular 1, 23 p. 1947. 99.9 Or3522I no.1
- Seeding as a means of reforestation in the Northern Rocky Mountain region, by C.S. Schoonmeyer and A.E. Helmers. U.S. Dept. of agriculture. Cir. no.772, 31 p. 1947. 1 Ag84C no.772
- Tree planting in the Central, Piedmont, and Southern Appalachian regions, by Leon S. Minckler and Arthur G. Chapman. U.S. Dept. of agriculture. Farmers' Bul. no.1994, 39 p. 1948. 1 Ag84F no.1994
- Although not specifically about this region, the material in this bulletin will be of value to foresters and tree planters.
- U.S. Forest products laboratory. R series. 1947. 1.9 F761R
- Knots in second-growth Douglas-fir, by Benson H. Paul. no.1690.
- Lumber grades vs. site quality of second-growth Douglas-fir, by B.H. Paul. no.1688.
- Possibilities of improved wood utilization, by Alfred J. Stamm. no.1696.
- Tests of glued laminated wood beams and columns and development of principles of design, by T.R.C. Wilson and W.S. Cottingham. no.1687.
- Thinnings from second-growth Douglas-fir for pulp, by Benson H. Paul. no.1689.
- Wood fuel combustion practice, by L.H. Reineke. no.R1666-18.
- Wood fuel preparation, by L.H. Reineke. no.R1666-19.
- Utilization of Oregon hardwoods, by Dan D. Robinson. Oregon State college. Oregon forest products laboratory. Information Cir. 2, 22 p. Corvallis, 1948. 99.9 Or3522B no.2
- "A preliminary report based on a field survey of the hardwood resources and industries of Oregon."
- The well-kept farm woods, a teaching outline, by C.W. Mattison. 10 p. 1948. 1.962 A2W45 Issued by U.S. Forest service.

RANGE MANAGEMENT

- Early marketing of range cattle pays! U.S. Dept. of agriculture. AIS 66, 9 p. 1947. 1 Ag84Ai no.66
- Improving California brush ranges, by R. Merton Love and Burle J. Jones. California. Agr. Expt. Sta. Cir. 371, 31 p. 1947. 100 C12S no.371
- The use of fire as a tool in the management of the brush ranges of California, by H.L. Shantz. 156 p. 1947. 99.51 Sh1
- Issued by California, State board of forestry.

MISCELLANEOUS

- Brucellosis (undulant fever) the relation of the disease to dairy products, review of scientific data, prepared by committee on brucellosis, Roger W. Morse, O.H. Muth and G.H. Wilster. Oregon. Extension service. Extension Cir. no. 479, 71 p. Rev. 1946. 275.29 Or32C no. 479
- Educational exhibits, how to prepare and use them, a manual for extension workers, by H.W. Gilbertson. U.S. Dept. of agriculture. Misc. Pub. no. 634, 41 p. 1948. 1 Ag84M no. 634
- Oregon's meat animals and wool 1867 - 1947. Oregon Extension service. Ext. Bul. 684, 16 p. 1947. 275.29 Or32B no. 684
- Statistical yearbook.
- Organization of 4-H club work, a guide for local leaders, by Gertrude L. Warren. U.S. Dept. of agriculture. Misc. Pub. no. 320, 32 p. Rev. 1948. 1 Ag84M
- Report of the China - United States agricultural mission. U.S. Office of foreign agricultural relations. IAC report no. 2, 265 p. 1947. 1.943 R293 no. 2
- Report of the United States - Syria agricultural mission. U.S. Office of foreign agricultural relations, I.A.C. series, no. 4, 99 p. Washington, D.C., 1947. 1.943 R293
- Seeds of grasses cultivated for forage or occurring incidentally with crop seeds: the genus Panicum. 7 p. Beltsville, Md., 1944. 1.965 F2Se34
- Issued by U.S. Bureau of plant industry, soils and agricultural engineering.

NOTES

Have you seen the Annual Report of your bureau? of other U.S.D.A. agencies? They file in your Branch Library. We will be glad to lend them to you.

Recent material on ATOMIC ENERGY is available in your Branch Library. Ask for a packet of up-to-date pamphlets on this vital subject. (See Jan. 1948 Newsletter)

The Public policy digest is no longer being published.

The Pacific Rural Press and California cultivator are no longer being published as such. They consolidated to form the California farmer. If you were on circulation for either of the former, you will now receive the California farmer.

HOW TO USE THE LIBRARY

Current periodicals are circulated for official use anywhere in the region (Washington, Oregon and Idaho). Cross your name off the routing list and send on promptly to the next person on the list.

Books may be borrowed for a month unless in demand. If the publication you requested is out, your name will be added to the list and it will be sent as soon as available. Requests are sent in the order received.

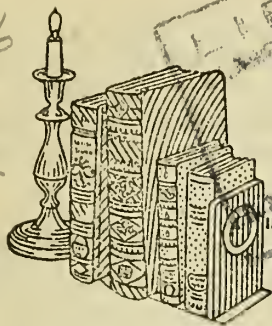
Library material weighing up to four pounds may be returned under frank. Books should be wrapped with corrugated cardboard to prevent injury in the mail.

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M.L. Gould, Librarian



LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

Portland Branch
Rm. 519, Main Post Office
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Vol. 7, no. 6
June 1948 (Final issue)

Phone: Atwater 6171
Extension 250

PORTLAND BRANCH LIBRARY WILL MERGE JUNE 10, 1948

Due chiefly to cuts in appropriations for 1949, Portland Branch Library will be merged June 10, and beginning July 1948, SAN FRANCISCO BRANCH will serve the former Portland Branch territory in addition to California and Nevada. Address all requests for library service to:

San Francisco Branch
U.S. Dept. of Agriculture Library
626 Appraisers Bldg.,
630 Sansome St.,
San Francisco 11, California

Periodicals will be routed from San Francisco and all library materials - books pamphlets and periodicals, should be returned there. Miss Ottersen, the librarian, is equipped to compile bibliographies and answer reference questions in the future. I am being transferred to Washington, D.C.

I am taking this opportunity to say that I have appreciated your interest and cooperation. It has been a pleasure to serve you.

Marie L. Gould, Librarian

NEW BOOKS

(Do not request from Portland. Request from San Francisco Branch after July 1)

Andrews, William Baker. THE RESPONSE OF CROPS AND SOILS TO FERTILIZERS AND MANURES. 459 p. State College, Miss., 1947. 57.07 An2

Prior to 100 years ago farmers used crop rotations, green manures, and other organic materials to supply nitrogen to crops. At the present time they have available nitrate of soda from Chile, sulphate of ammonia from coal, and the synthetic sources of nitrogen, two of which, cyanamid and anhydrous ammonia are treated in special chapters in this book. Equipment for the application of anhydrous and aqua ammonia are discussed in a special chapter. The response of crops to fertilizers other than nitrogenous, such as lime, phosphorus and soda is also given. There are chapters on: Fertilizing ponds for fish production, The effect of fertilizers on the yield and feeding value of hay and pasture crops.

Ashbrook, Frank Getz. COOKING WILD GAME; MEAT FROM FOREST, FIELD AND STREAM AND HOW TO PREPARE IT FOR THE TABLE. 432 RECIPES. 358 p. New York, Orange Judd publishing co., 1945. 389.25 As3

This book explains how to field-dress deer and other game, how to cut up the carcass (illustrated), and the correct method of handling the hide from which gloves or a hunting jacket can be made.

Specific information is given on such points as: How to overcome wild or gamy flavor in "fishy" ducks, How to quick-pluck feathered game with paraffin, How to remove musk or scent glands in small game, The use of marinades and brines to tenderize game meat and enhance flavor, Time required for the seasoning, or aging, of game, How to can wild meats, and How to prepare game meat for home freezing.

Crum, W. L. and Schumpeter, Joseph A. RUDIMENTARY MATHEMATICS FOR ECONOMISTS AND STATISTICIANS. 183 p. New York, McGraw-Hill book co., 1946. 251 C88R 1946

The objective of this book is to present rudimentary ideas and operations essential to any effective mathematical reasoning by economists and statisticians. It is directed to the mere beginner who has never studied mathematics beyond the first-course stage of algebra and geometry or has studied "advanced" mathematics so long ago that his memory is hazy.

The present-day economist feels an impelling need for mathematical understanding. Published economic work, in books or learned journals, places an increasing reliance upon mathematical methods of analysis.

Cumberland, Kenneth B. SOIL EROSION IN NEW ZEALAND, A GEOGRAPHIC RECONNAISSANCE, 228 p. Christchurch, N.Z., Whitcombe & Tombs, 1947. 56.7 C91 Ed.2

This is one of the 14 books which W.R. Van Dersal, SCS, Portland, Or., calls "conservation classics". Dr. H.H. Bennett expressed a desire that SCS people might read this book. It has a great deal to tell New Zealanders about the fate of their country; but it has a similar application to people everywhere who are interested in the soil of their native land. The disastrous conditions mentioned could happen here - indeed, you may know of examples in the United States that are just as serious. Mr. Cumberland tells what erosion is, what it means to the national stability and productiveness and what may be done to arrest it. The volume is fully and dramatically illustrated with photographs taken all over New Zealand.

Farm tenure conference, University of Chicago, 1946. FAMILY FARM POLICY; PROCEEDINGS. Ed. by Joseph Ackerman and Marshall Harris. 518 p. Chicago, University of Chicago Press, 1947. 282.9 F223

This book discusses the application of farm tenure to the problems of income, security and opportunity for the farm family. Inflated land values; concentration and parcellation of land, taxes, land settlement, credit and inheritance of land are considered in the plan of an improved tenure policy. Reliance is placed upon the farm which is owned and operated by one family, possessing no more land and capital than it can operate normally through its own efforts, as the best means for achieving a better rural society.

Experience with other types of farm tenure are given. Clarifying land tenure shortcomings and suggesting remedial action, this book shows how agricultural life can be made a richer and more satisfying experience for those who farm and also a stronger institution for national economy for world peace.

Folweiler, A. D. and Brown, A. A. FIRE IN THE FORESTS OF THE UNITED STATES. 189 p. St. Louis, J.S. Swift, 1946. 99.51 F73F 1946

The forest fire problem as it exists in the U.S. today is essentially a new factor in forestry tradition. European forestry has almost ignored the control of fire as an important part of the forester's job and has given scant attention to what happens to silvicultural systems after a fire. In less than 25 years, a new science of forest fire control has developed. Literature over a wide range subjects including results of fires and development of fire control has been produced. The authors drew from this literature to introduce methods now in use.

Grange, Wallace. PRACTICAL BEAVER AND MUSKRAT FARMING. 52 p. Babcock, Wis., Sandhill game farm, inc., 1947. 412.62 G76

The fur farming opportunity with beaver and muskrats now appears to be under natural conditions, without fences and under circumstances where the needs of these animals can be supplied very largely without direct feeding or confinement. Beaver and muskrat farming today is beaver and muskrat management afield, and is not the same as the production of foxes, mink and rabbits under wire.

Hopkins, Donald P. CHEMICALS, HUMUS, AND THE SOIL. 358 p. Brooklyn, N.Y., Chemical Pub. Co., 1948. 57.4 H77 1948

This book is written for the ordinary man who is interested in the care of the soil and the raising of crops, and it deals as non-technically as possible with chemical fertilizers and natural manures and their functions in crop production. A British agricultural expert sets forth the case for the use of fertilizers and the general principles of soil fertility maintenance, and examines the case against the use of chemicals.

Imperial agricultural bureaux. THE USE AND MISUSE OF SHRUBS AND TREES AS FODDER. Joint publication no.10, 231 p. Aberystwyth, Great Britain, 1947. 10 Im73

"This publication grew from a realization that in all probability more animals feed on shrub and tree ranges than upon true grass or grass-legume pastures... Problems relating to forest grazing are discussed especially as to (1) management methods which will provide good forage and at the same time protect tree seedlings, and (2) protection of watersheds and reduction of fire hazards. The section 'The chemical composition and digestibility of fodder shrubs and trees, by F.C.Russell, is of great importance to American range workers and will prove the most valuable feature of the book.

"Of immediate interest to American foresters are the sections 'United States of America', by W.R.Chapline and R.O.Whyte, and 'Canada', by E.W.Tisdale and J.A. Campbell. The section on the U.S. is devoted primarily to national-forest ranges and Forest Service research. It is divided into three major parts. The second part deals with problems of controlling shrubs on range land, with particular attention to eradication of several low-value woody species occurring in western U.S." - L.A.Stoddart. (From the review in Journal of forestry, Feb. 1948)

Kittredge, J. FOREST INFLUENCES. 394 p. N.Y., McGraw-Hill, 1948. 99.36 K65

Value of forests and shrubs as protective covering for the land, the basic relations of forests and shrubs to climate, water and soil and their usefulness in the reduction of floods and erosion. The emphasis is on forestry. Species of vegetation for erosion control on different sites and in different regions of the U.S. are treated in detail.

Lawson, Robert. COUNTRY COLIC. 66 p. Boston, Little, Brown, 1944. 30.4 L44

"Being sundry remarks and observations concerning the joys, perils and vexations of rustic residence together with certain suggestions of a cautionary nature for the enlightenment and guidance of the inexperienced." To all employees who make public addresses: Be sure to take notes of Lawson's hilarious, if pessimistic ideas, to spice your talks and have a good time doing it. The illustrations are even more amusing than the text.

McClintock, J.A. and Fisher, W.B. SPRAY CHEMICALS AND APPLICATION EQUIPMENT, a textbook and hand book of the insecticide-fungicide industry and of application equipment. 320 p. Chicago, Ill., 1945. 423 M13

SEND REQUESTS TO SAN FRANCISCO BRANCH LIBRARY.

Man's war against the insects and diseases which attack plants dates back to his earliest attempt to cultivate crops. So long as he maintains his knowledge of spray chemicals, uses them correctly, applies them thoroughly and at the opportune time, he can win.

The contents includes: Stomach poisons, Contact insecticides, Fungicides, Stickers, Spreaders, Emulsifiers, Wetting agents, Carriers, Fumigants, Repellents, Chemicals for rodent control, Weed killers, New chemicals, and Antidotes.

Osborn, Fairfield. OUR PLUNDERED PLANET. 217 p. Boston, Little, 1948. 279 Osl

This is an exposition of present and historical human exploitation of natural resources, and the plight of the world in the face of progressively faster destruction of its land and living. The author sees that the earth's resources are going, going... whether because of the crowding populations of the East, or the cattlemen and lumbermen of the West. Fundamental to the troubles not only of nations like China and India but of nations throughout the world is the misuse of the land by their people.

Recommended reading for all soil conservationists and others interested in preservation of our natural resources.

Platt, Rutherford. OUR FLOWERING WORLD. 285 p. N.Y., Dodd, 1947. 463 P6920

The author of This Green World continues his explorations in the world of growing plants with the emphasis on flowers this time. He feels that the average person misses much beauty and entertainment in not understanding how trees grow and flowers act. More than just names and pictures, the constant alteration in the landscape is shown, the drama of how it began and grew, and the incredible marvels of its engineering. The book is an introduction to our trees and flowers, their evolution from the coal age through the age of the glaciers to the present. 168 superb photographs by the author, 38 in full color.

Portland chrysanthemum society. CHRYSANTHEMUMS, HOW WE GROW THEM OUT OF DOORS. 95 p. Portland, Or., Loomis printing co., 1946. 96.519 P83

This book is especially valuable for this region being written by westerners. It gives material on culture, pests and soils. A paper on Protection of blooms tells how to make a covered frame. There are illustrations of various types of chrysanthemums, budding system and frames.

White, Charles Danville. CAMPS AND COTTAGES; HOW TO BUILD THEM. 260 p. New York, Crowell, 1946. 296 W582 1946

Explains in simple terms and by many illustrated details, the proper and easy way to approach and complete each step. Suggestions given would be helpful in almost any building project. There are special chapters on: Interior woodwork, Paints and painting, Fireplaces and chimneys, Roofing, gutters and downspouts and Doors and windows, shutters and screens.

Yeager, Dorr G. YOUR WESTERN NATIONAL PARKS, A GUIDE. 275 p. N.Y., Dodd, Mead, 1947. 98.6 Y3

The author has been with the National Park Service for 20 years. He is familiar with physical characteristics of the areas, their wildernesses and their wild animals, and the reactions of the people who have come to visit them in ever-increasing numbers. Mr. Yeager has provided sufficient data to enable the vacationist to select the country's wonder spots he plans to visit for playtime or study. Routes to be followed (the maps are helpful), modes of travel, accommodations to be expected, and expenses involved can be estimated on the basis of this book.





